SEQUENCE LISTING

<110> Stallings, William C
Shieh, Huey S
Howard, Susan C
DeCrescenzo, Gary A
McDonald, Joseph J

<120> Method of Changing Conformation of a Matrix Metalloproteinase

<130> 3333/1/US

<140> 10/031,181
<141> 2002-01-16

<150> PCT/US00/16323
<151> 2000-07-12

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Asn Pro Lys Trp Glu Arg Thr Asn Leu Thr Tyr Arg Ile Arg Asn Tyr
1 5 10 15

Thr Pro Gln Leu Ser Glu Ala Glu Val Glu Arg Ala Ile Lys Asp Ala
20 25 30

Phe Glu Leu Trp Ser Val Ala Ser Pro Leu Ile Phe Thr Arg Ile Ser
35 40 45

Gln Gly Glu Ala Asp Ile Asn Ile Ala Phe Tyr Gln Arg Asp His Gly
50 55 60

Asp Asn Ser Pro Phe Asp Gly Pro Asn Gly Ile Leu Ala His Ala Phe
65 70 75 80

Gln Pro Gly Gln Gly Ile Gly Gly Asp Ala His Phe Asp Ala Glu Glu
85 90 95

Thr Trp Thr Asn Thr Ser Ala Asn Tyr Asn Leu Phe Leu Val Ala Ala
100 105 110

His Glu Phe Gly His Ser Leu Gly Leu Ala His Ser Ser Asp Pro Gly
115 120 125

Ala Leu Met Tyr Pro Asn Tyr Ala Phe Arg Glu Thr Ser Asn Tyr Ser
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Leu Pro Gln Asp Asp Ile Asp Gly Ile Gln Ala Ile Tyr Gly
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Ile Pro Lys Trp Arg Lys Thr His Leu Thr Tyr Arg Ile Val Asn Tyr
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Thr Pro Asp Leu Pro Lys Asp Ala Val Asp Ser Ala Val Glu Lys Ala
20 25 30

Leu Lys Val Trp Glu Glu Val Thr Pro Leu Thr Phe Ser Arg Leu Tyr
35 40 45

Glu Gly Glu Ala Asp Ile Met Ile Ser Phe Ala Val Arg Glu His Gly
50 55 60

Asp Phe Tyr Pro Phe Asp Gly Pro Gly Asn Val Leu Ala His Ala Tyr
65 70 75 80

Ala Pro Gly Pro Gly Ile Asn Gly Asp Ala His Phe Asp Asp Asp Glu
85 90 95

Gln Trp Thr Lys Asp Thr Thr Gly Thr Asn Leu Phe Leu Val Ala Ala
100 105 110

His Glu Ile Gly His Ser Leu Gly Leu Phe His Ser Ala Asn Thr Glu
115 120 125

Ala Leu Met Tyr Pro Leu Tyr His Ser Leu Thr Asp Leu Thr Arg Phe
130 135 140

Arg Leu Ser Gln Asp Asp Ile Asn Gly Ile Gln Ser Leu Tyr Gly
145 150 155

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Asn Pro Arg Trp Glu Gln Thr His Leu Thr Tyr Arg Ile Glu Asn Tyr
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Thr Pro Asp Leu Pro Arg Ala Asp Val Asp His Ala Ile Glu Lys Ala
            20                  25                  30

Phe Gln Leu Trp Ser Asn Val Thr Pro Leu Thr Phe Thr Lys Val Ser
        35                  40                  45

Glu Gly Gln Ala Asp Ile Met Ile Ser Phe Val Arg Gly Asp His Arg
    50                  55                  60

Asp Asn Ser Pro Phe Asp Gly Pro Gly Gly Asn Leu Ala His Ala Phe
65                  70                  75                  80

Gln Pro Gly Pro Gly Ile Gly Gly Asp Ala His Phe Asp Glu Asp Glu
                85                  90                  95

Arg Trp Thr Asn Asn Phe Arg Glu Tyr Asn Leu His Arg Val Ala Ala
            100                 105                 110

His Glu Leu Gly His Ser Leu Gly Leu Ser His Ser Thr Asp Ile Gly
        115                 120                 125

Ala Leu Met Tyr Pro Ser Tyr Thr Phe Ser Gly Asp Val Gln Leu Ala
    130                 135                 140

Gln Asp Asp Ile Asp Gly Ile Gln Ala Ile Tyr Gly
145                 150                 155
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HDP Docket No.: 6794-000025/US

CERTIFICATE OF MAILING

I hereby certify that this is being deposited with the United States Postal Service as **first class** mail addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on June 6, 2002.

Linda K. Cooper